	RM PTO V 10-20		ATTORNEY DOCKET NUMBER								
		TRANSMITTAL LETTER TO THE UNITED STATES	4819-4746								
		DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known. see 37-CFR 1.51)								
		CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	<b>1.0</b> /542058								
		NATIONAL APPLICATION INTERNATIONAL FILING DATE 31 December 2003	PRIORITY DATE CLAIMED 17 January 2003								
TTT	TITLE OF INVENTION										
		IOD FOR DEFINING THE DEGREE OF FULLNESS IN A MILL CANT(S) FOR DO/EO/US									
	JÄRVINEN, Jussi										
Арј	plican	nt herewith submits to the United States Designated/Elected Office (DO/EO/US) the fo	ollowing items and other information:								
1.	$\boxtimes$	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)).									
4.	$\boxtimes$	The US has been elected. (Article 31).									
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	ъ. [	<ul> <li>is attached hereto (required only if not communicated by the International Bureau).</li> <li>has been communicated by the International Bureau.</li> <li>is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>									
6.		An English language translation of the International application as filed (35 U.S.C. 371(c)(2)).									
		is attached hereto has been previously submitted under 35 U.S.C. 154(d)(4).									
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Article 19 (3:	.5 U.S.C. 371(c)(3))								
	<ul> <li>a. are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. have been communicated by the International Bureau.</li> <li>c. have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. have not been made and will not be made.</li> </ul>										
8.		An English language translation of the amendments to the claims under PCT Article	e 19 (35 U.S.C. 371(c)(3)).								
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10.		An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
Iten	ns 11.	. to 20. below concern document(s) or information included:									
11.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.									
12.		An assignment document for recording. A separate cover sheet in compliance with 3	37 CFR 3.28 and 3.31 is included.								
13.	$\boxtimes$	A preliminary amendment.									
14.		An Application Data Sheet under 37 CFR 1.76.									
15.		A substitute specification.									
16.		A power of attorney and/or change of address letter.									
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.									
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).									
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).									
20. of th	20.  Other items or Information: Published Application with International Search Report; Notice Informing the Applicant of the Communication of the International Application to the Designated Offices; and Return Receipt Postcard.										

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## JC20 Rec'd PCT/PTO 1 2 JUL 2005

					ATTORNEY'S DOCKET NO.					
U.S. APPLICATION NOTIFIED	WET SECOND CIFER (3)	INTERNATIONAL APPLICA	TION NU.							
U.S. AEPLICATION NOTIFIED	2020	PCT/F12003/000992			4819-4746	PTO USE ONLY				
TBA				-	CALCULATIONS	TTO OSE ONE				
The following fees ha	ve been submitted	\$300.00								
21 🖾 Basic nation	al fee									
22. X Examination	tee									
If Internatio	nal preliminary exan satisfy provisions of	\$200.00								
claims	satisfy provisions of uations	\$200.00								
23. Search fee	dations									
	37 CFR 1.445(a)(2)									
the US	PTO as an Internation									
Internationa	al Search Report pre- tuations	\$400.00								
All other si		\$900.00								
	TOTAL OF 21,	\$700.00								
Additional fee for	or specification and	drawings filed in pape	led in an electron	ic						
(excluding sequ	ence listing or comp	ulti program noting a	naner or fraction	thereof.						
medium). The fo	ee is \$250 for each a	Number of each addition	al 50 or fraction	D A TT						
Total Sheets	Extra Sheets	thereof (round up to a w	hole number)	RATE	00.00					
				x \$250.00	\$0.00					
Surcharge of \$130.0	0 for furnishing the	oath or declaration late	er than 30 months	from the	\$					
earliest claimed prio	rity date (37 CFR 1.	492(h)).								
	NUMBER FILED	NUMBER EXTRA	RATI	3	\$					
CLAIMS	9 - 20 =	0	x \$50.	00	\$0.00					
Total claims		0	x \$200	.00	\$0.00					
Independent claims	1 - 3 =		+ \$360.00		\$0.00					
MULTIPLE DEPEND	ENT CLAIM(S) (if ag	\$ 900.00								
		s. See 37 CFR 1.27. T	F ABOVE CALCU	above are						
Applicant clair	ns small entity status	\$								
reduced by ½.		= \$ 900.00								
	130.00 for furnishing									
Processing fee of \$	priority date (37 CI									
			TOTAL NATIO	NAL FEE:	= \$900.00					
E Commonding t	he enclosed assignm	ent (37 CFR 1.21(h)).	The assignment r	nust be						
ree for recording u	appropriate cover s									
accompanies of		<u>T</u>	OTAL FEES EN	CLOSED	= \$900.00 Amount to be					
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					charged:	\$ 900.00				
		to cover the above	fees is enclosed.							
a. A check i	in the amount of \$		mach !- aba amaunt	of \$900.000	to cover the above fees.					
b. 🛛 Please ch	arge my Deposit Acco	unt No. 13-4500 (401)	Iditional fees which	may be requi	red, or credit any overpay	yment to				
c. 🗷 The Com	missioner is hereby au	4819-4746). A duplicat	te copy of this sheet	is enclosed.		:-formation should not be				
1 . — —	Deposit Account No. 13-4300 14812-47407. The Company of this form may become public. Credit card information should not be									
d . Fees are	Fees are to be charged to a credit card. WARNING: Information on PTO-2038. included on this form. Provide credit card information and authorization on PTO-2038. included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not occur include a positive contract of the cont										
NOTE: Where an appropriate time time and appropriate time and appropriate time and appropriate time time appro										
granted to restore the application to pending status.  SEND ALL CORRESPONDENCE TO:  27123  Frier Address Here  Signature										
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Dowholomew Verd	irame, Esq.									
MORGAN & FINN	IEGAN LLP	irame								
3 World Financial ( New York, New Y	center ork 10281-2101									
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

JÄRVINEN, Jussi

Group Art Unit:

Not Yet Assigned

Serial No.:

Not Yet Assigned

Examiner:

Not Yet Assigned

Filed:

July 12, 2005 (Herewith)

For:

METHOD FOR DEFINING THE DEGREE OF FULLNESS IN A MILL

## **EXPRESS MAIL CERTIFICATE**

Mail Stop Box PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Express Mail Label No.:

EV 623606885 US

Date of Deposit:

July 12, 2005

I hereby certify that the following attached paper(s) and/or fee:

- 1. Transmittal letter to the US Designated Elected Office Concerning Filing Under 35 USC 371 (2 pps);
- 2. Preliminary Amendment (5 pp);
- 3. Information Disclosure Statement (1 pp);
- 4. PTO Form 1449 (1 pp) and (1) Cited non US Reference;
- 5. Specification: (7 pps); Claims: (2 pps); Abstract (1 pps); Drawings (1) sheet;
- 6. Published International Application with International Search Report;
- 7. Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (1 pp);
- 8. Return Receipt Postcard.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## Michael Willis

(Typed or printed name of person mailing papers(s) and/or fee)

(Signature of person mailing paper(s) and/or fee)

Correspondence Address:

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